nor-MC3

Cat. No.: **SN-M-LM358**

Chemical Properties

Product Name	nor-MC3
Cat. No.	SN-M-LM358
Storage	Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Purity	98+%

Structure

[Product Image]

Biological Description

Nor-MC3 is an ionizable cationic lipid utilized in creating liposomal lipid nanoparticles (LNPs) for delivering mRNA both in vitro and in vivo, derived from DLin-MC3-DMA. Liposomal LNPs with a molar ratio of 20:40:40:1.5 for nor-MC3:egg sphingomyelin:cholesterol:DMG-PEG(2000) show higher transfection efficiencies compared to those with a molar ratio of 50:10:38.5:1.5. Additionally, these LNPs exhibit increased accumulation in the spleen, pancreas, heart, kidney, muscle, and inguinal lymph nodes in mice.

Related Products / Keywords

- nor-MC3

This product is a research reagent and must not be used for clinical validation or human therapeutic use.